

REMARKS

Independent claims 17 and 32 have been amended by including the feature of the base station router performing concentration and the bandwidth being assignable to the subscriber stations in accordance with the available bandwidth between the base station and the base station router as it is described on pages 5 and 6 of the English translation of the Specification. In this connection, an obvious error on page 5, line 22 of the English translation, has been corrected. Instead of “100 base station routers 16” it should correctly read “100 subscriber station-routers 16”. In addition, on page 5, line 17 of the English translation the reference number 10 was corrected.

The Examiner has relied on U.S. Patent No. 5,490,136 to Sereno to reject the independent claims, and in combination with U.S. Patent No. 6,370,243 to Tiihonen to reject the dependent claims as being obvious.

Claims 20 and 22 mention one particular form of concentrator interface, using the V5.2 protocol. The Examiner states that Tiihonen teaches that the V5.2 interface between an access node and a telephone exchange is a concentration interface. He states that it would be obvious to modify Sereno with Tiihonen, and hence, provide a higher information transfer rate.

Tiihonen recognizes that a concentrator interface such as the V5.2 interface can lead to bottlenecks because it was designed for normal telephone traffic (col. 1, line 50 - col. 2, line 16). The solution proposed in this citation is to define status definitions of either a voice subscriber or a data subscriber for each subscriber, and in this manner permit the connections for the two types of subscriber to be appropriately set up. Tiihonen would thus appear to teach against the use of a V5.2 interface for mixed traffic unless a system such as that advocated by this citation is used.

It is difficult to envisage how the teaching of Tiihonen could be combined with Sereno to provide a system which uses *dynamic bandwidth allocation*, unless there is some mechanism for setting up and storing such subscriber definitions, which would tend to lead to reduced flexibility in the system. In view of this, it is believed that the independent claims, as amended, are patentable over the combined teachings of these two references.

Allowance of all claims is requested.

Petition is hereby made for a three-month extension of the period to respond to the outstanding Official Action to December 1, 2005. A check in the amount of \$1,020.00, as the Petition fee, is enclosed herewith. If there are any additional charges, or any overpayment, in connection with the filing of the amendment, the Commissioner is hereby authorized to charge any such deficiency, or credit any such overpayment, to Deposit Account No. 11-1145.

Wherefore, a favorable action is earnestly solicited.

Respectfully submitted,

KIRSCHSTEIN, OTTINGER, ISRAEL & SCHIFFMILLER, P.C.

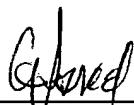
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DRAWING AMENDMENTS

Please replace the original drawing with the “replacement drawing”, attached following page 9 herein.